



Department of
Military

TEMA



2020: The Year in Review

Working Together for a Resilient Tennessee

Tennessee Department of Military | TEMA | July 2021



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Director's Reflection



Reflecting on 2020 some important ideas are apparent to me. First, we are better when we work together. When Tennessee's emergency managers connect and engage with and foster collaboration within communities and among agencies and departments, we are all better off.

This means we must meet our partners where they are and speak to them in a language that is meaningful to them. Second, administrative discipline makes our operations faster and better. When our records are clear and organized and when paperwork is timely, everything else works better. A little bit of time invested in being administratively disciplined saves countless hours and dollars when we have neither time nor money to spare.

If we are to be successful in protecting lives, livelihoods and property as the frequency of disasters is picking up and increasing in complexity it will take attention and effort from each of us to ensure that our budgets, training, planning, and exercises forge unity of effort, smart standardization and the right skills and capabilities for the difficult years ahead.

Alone, none of us will have everything we need or want, but working together we can maximize our resources to build readiness and a sustainable future. As we build our shared future I encourage each of you to approach mitigation and floodplain management as an opportunity to design or remake our communities so that they resilient – environmentally and economically – with infrastructure that is not just sufficient to meet the stresses of the hazards we face, but as a springboard to investment and development. This will take sustained effort and working with partners, public and private alike, that we may not have worked with in the past. To change the resilience of our cities and counties, it will take forging those new partnerships and relationships.

I am incredibly proud of how Tennessee's emergency managers – local and state – have led and supported our counties, cities, and communities, especially over the last year, and I am incredibly grateful for the teamwork and partnerships we have forged over the last five years. I know that Tennessee's emergency managers and partners are up to the challenges we face, and I look forward to working with you and our partners to build a safer more resilient Tennessee for all.

Vision & Mission

Vision Statement

A Tennessee prepared through effective partnerships among all levels of government, voluntary organizations and the private sector that works to build resilient communities, safe homes, that prepares together and collaborates during response and recovery from catastrophe

Mission Statement

Coordinate emergency preparedness, response, recovery, and mitigation activities to reduce the vulnerability of the people and property of Tennessee to include population protection measures, disaster relief and restoration of services and property through enhanced coordination, and long-term planning and to connect the actions and information sharing among and between agencies and officials of Tennessee, the emergency management and homeland security enterprise and officials of other states, local and federal governments, with interstate organizations, and with the private sector.



Structure & Organization

TEMA aligns its mission within streamlined divisions under the Director's office. TEMA's executive develops and implements organization policies and long-range actions toward the agency's long-term strategies. TEMA's divisions are as follows:

Administrative & Mission Support Division

Led by the agency's Chief of Staff, this division provides strategic guidance for TEMA's administrative, financial, human capital, and operations support branches. This division also supports critical mission support functions in logistics and telecommunications systems.

Operations & Field Services

Coordinates and mobilizes TEMA's field response operations and staff to assist local emergency management and public safety officials during emergencies and disasters. This division includes TEMA's three regional offices in east, middle, and west Tennessee, and houses the agency's 24-hour Watch Point, TEMA's central receiving operation for emergency warning and communications, resource deployments, and assistance requests.

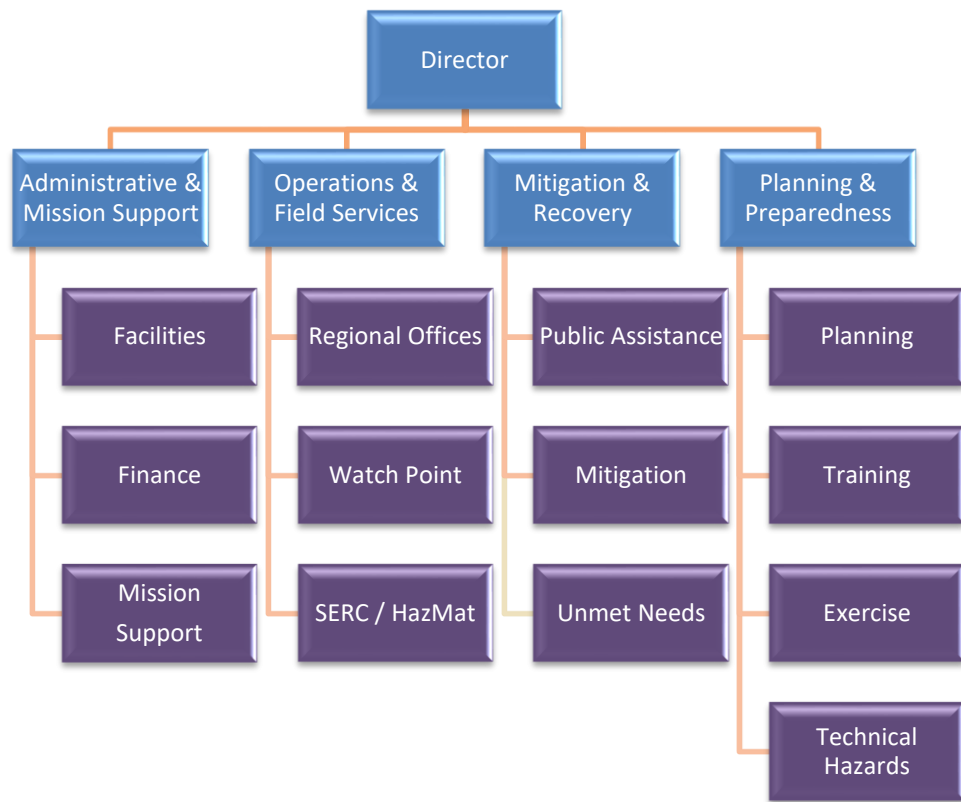
Mitigation & Recovery Division

Administers TEMA's public assistance, mitigation and unmet needs programs to help local and state governments alleviate the impact of hazards. This division also focuses on aiding communities in their short and long-term recovery programs.

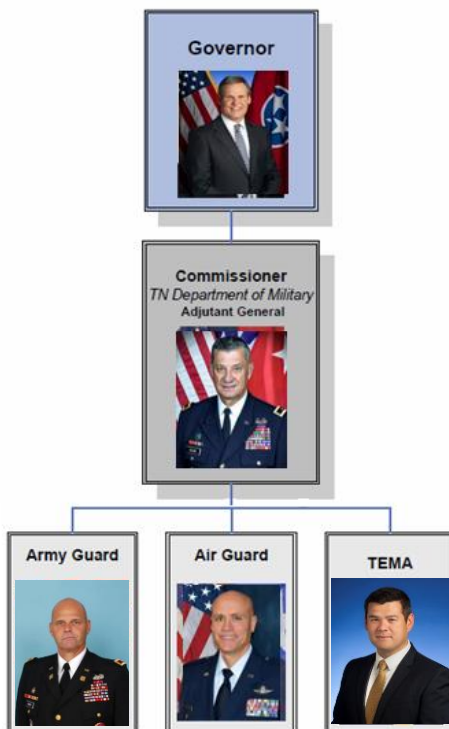
Planning & Preparedness Division

Implements policies and programs to support TEMA's preparedness mission in coordinating the agency's overall planning mission at the local and state levels, conducting exercises and after-action evaluations, and managing TEMA's statewide emergency management training program.

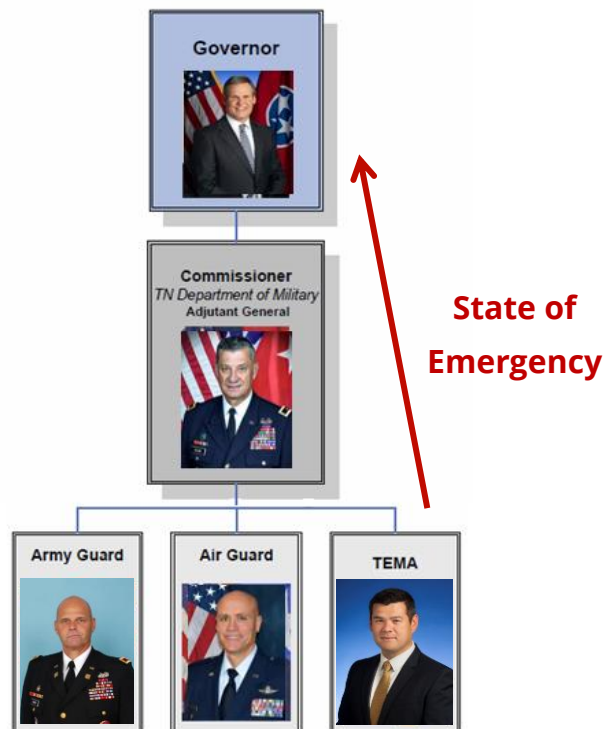
TEMA ORGANIZATIONAL CHART



Day-to-Day Operations



Emergency Operations



Operations & Field Services

STATE & REGIONAL CUSTOMER FOCUS

TEMA maintains three regional offices to support local emergency management and public safety agencies in the areas of grant assistance, mutual aid requests, response, technical services and training. Through the regional offices, TEMA can support local officials in all 95 counties of Tennessee.

WEST REGION

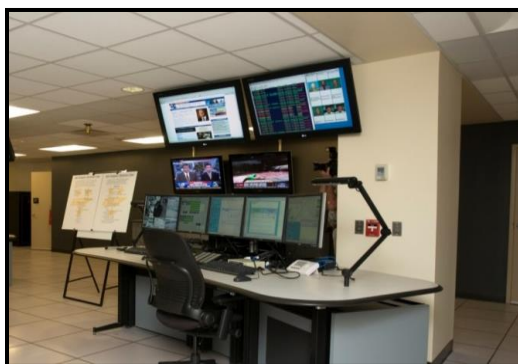
1510 R. E. Baily Bypass, Jackson
Tennessee National Guard Base

MIDDLE REGION

State Emergency Operations Center
3041 Sidco Drive, Nashville
Tennessee National Guard Headquarters
Regional Office
1200 Foster Avenue, Nashville

EAST REGION

803 N. Concord Road, Knoxville
Tennessee National Guard Base

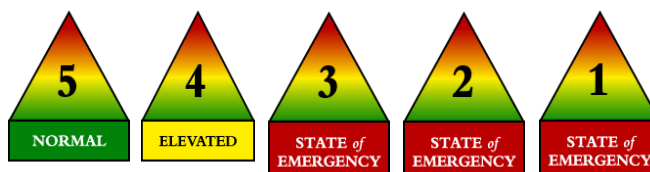


24-Hour Watch Point

- Direct Contact with Warning Points in All 95 Counties
- Direct Contact with FEMA, DOE & TVA
- NWS Weather Notifications
- Tracking High Risk Shipments
- USGS Earthquake Monitoring

State Emergency Operations Center

- TEMA Staff
- Tennessee National Guard
 - State Dept. ESCs
- American Red Cross
 - Private Sector
 - Federal Liaisons



2020 ACCOMPLISHMENTS

- Developed operational and staffing plans to establish a fourth TEMA Regional Office serving the southeast part of Tennessee.
- Supported the statewide COVID-19 response, in conjunction with six additional emergencies receiving federal disaster recognition.
- Deployed TEMA District Coordinators for 135 mission assignments directly supporting support local emergency response organizations with requests for assistance and resources.
- Established a statewide Unmanned Aircraft System working group organized to create a network of UAS operators across the state, with specific capabilities to support emergency management efforts such as search and rescue operations, hazardous materials responses, and damage assessments.

2021 PRIORITIES

- Establish operations and staffing at a fourth TEMA regional office, located in Chattanooga, to support local emergency management partners in the southeast part of Tennessee with incident management, exercise delivery, and training opportunities.
- Update and enhance technology in the State Emergency Operations Center, 24-Hour State Watch Point, and TEMA's Regional Coordination Centers.
- Establish statewide team development programs providing critical training in emergency and incident management that will allow the deployment of specialized teams to assist local emergency management agencies with response operations.
- Complete the TEMA Position Qualification System to enhance the development of a professional cadre of emergency managers.
- Continue to enhance the TEMA UAS working group.



2020 INCIDENTS by TYPE

TEMA tracks **Incidents** as anything reported to the agency from local, state, or federal authorities to be documented in our official records.

INCIDENT TYPES	Number	Percent of Total
Arson & Fire	122	4%
Bombs & Suspicious Packages	10	0%
Earthquake	80	3%
General Incident	12	0%
Hazardous Materials	643	23%
Law Enforcement	33	1%
Planned Event	6	0%
Radiological	1	0%
Search & Rescue	63	2%
Severe Weather	893	32%
Transportation	892	32%
Utilities Disruption	6	0%
Total	2761	100%

2020 MISSIONS by TYPE

Whenever TEMA deploys staff members to an Incident scene, the Watch Point tracks the activity as a **Mission**.

MISSION TYPES	Number	Percent of Total
Arson & Fire	4	3%
Bombs & Suspicious Packages	1	1%
Earthquake	0	0%
General Incident	2	1%
Hazardous Materials	6	4%
Law Enforcement	3	2%
Planned Event	17	13%
Radiological	0	0%
Search & Rescue	26	19%
Severe Weather	72	53%
Transportation	4	3%
Utilities Disruption	0	0%
Total	135	100%

2020 FEDERAL DISASTER DECLARATIONS

Tennessee COVID-19 Pandemic DR-4514-TN

Incident Period: Jan. 20, 2020 and Ongoing

Declared: April 2, 2020

COVID-19 By the Numbers – As of Dec. 31, 2020

- March 5, 2020: Tennessee Confirms First COVID-19 Positive Test
- From March 5, 2020 to Dec. 31, 2020, the Tennessee Dept. of Health reported more than 586,000 positive COVID-19 tests in the state, 6,907 deaths from the virus, and 5.6 million COVID-19 tests administered statewide.

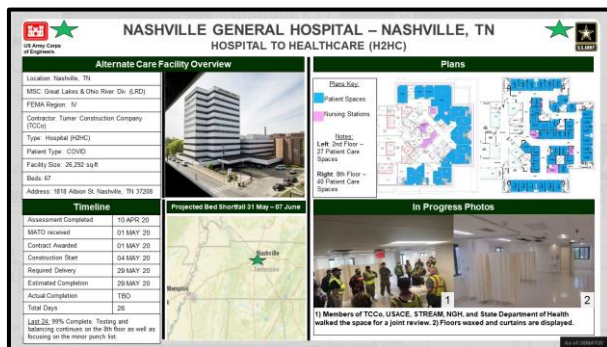


- TEMA began a significant operation in March 2020 to source, procure, and distribute personal protective equipment for Tennessee's first responders and front-line health care workers. In July, TEMA added the distribution of PPE supplies to teachers, school nurses, and staff at Tennessee's K-12 schools.

PPE & School Distribution To Date		
1,084,957 n95 respirators	53,780,265 surgical masks	
83,036,300 gloves	705,706 face shields	666,939 shoe covers
2,465,864 gowns	198,910 goggles	92,640 coveralls

COVID-19 By the Numbers – As of Dec. 31, 2020 (cont.)

- On March 21, 2020, TEMA and the Tennessee Dept. of Health establish a COVID-19 information line, which operated until June 5, 2020, and received more than 8,000 calls.
- May 30, 2020, TEMA and the U.S. Army Corp of Engineers finish work at Nashville's alternate care site, located at Nashville General Hospital, 1818 Albion St., making 67 beds available for COVID-19 patients.
- TEMA and the U.S. Army Corp of Engineers finish work at the Memphis alternate care site, completely renovating at 125,000 square-foot building, located at 495 Union Ave., making bed space available for 402 COVID-19 patients.



- On Dec. 11, 2020, the U.S. Food and Drug Administration granted emergency use authorization to Pfizer for the administration of its two-dose COVID-19 vaccine to adults.
- On Dec. 18, 2020, the FDA granted Moderna emergency use authorization for its two-dose COVID-19 vaccine to be administered to adults.
- As of Dec. 31, 2020, the Tennessee Department of Health had provided 112,707 Tennesseans with their first doses of COVID-19 vaccine. When added to the COVID-19 vaccines administered by other health care providers, almost a quarter million Tennesseans had received their first doses of COVID-19 vaccines as of Dec. 31, 2020.



Tennessee Severe Storms, Tornadoes, Straight-Line Winds, and Flooding DR-4476-TN

Incident Period: March 3, 2020 to March 5, 2020

Declared: March 5, 2020

\$2,850,205.51 Approved for Individual Assistance to 787 Applicants

\$15,698.944.15 Public Assistance Grant Dollars Obligated

Counties Declared (6)

Benton (PA), Carrol (PA), Davidson (IA & PA), Putnam (IA & PA), Smith (PA), Wilson (IA & PA)



U.S. Small Business Loan Program DR-4476-TN

Declared: March 24, 2020

Counties Declared (20)

Benton, Carroll, Davidson, Putnam, Smith, Wilson, plus the contiguous counties of Cannon, Cheatham, Cumberland, Dekalb, Fentress, Jackson, Overton, Robertson, Rutherford, Smith, Sumner, Trousdale, White, Williamson.

Tennessee Severe Storms, Tornadoes, and Straight-line Winds DR-4541-TN

Incident Period: April 12, 2020 to April 13, 2020

Declared: April 24, 2020

\$1,851,620.88 Approved for Individual Assistance to 381 Applicants

\$8,590,696.95 Public Assistance Grant Dollars Obligated

Counties Declared (9)

Bradley (IA & PA), Campbell (PA), Hamilton (IA & PA), Marion (PA), Monroe (PA), Polk (PA), Scott (PA), Unicoi (PA), Washington



U.S. Small Business Disaster Loan Program DR-4541-TN

Declared: April 24, 2020

Counties Declared (8)

Bradley and Hamilton, plus the contiguous counties Bledsoe, McMinn, Marion, Meigs, Polk, Sequatchie

Tennessee Severe Storms, Straight-Line Winds, and Flooding DR-4550-TN

Incident Period: May 3, 2020 to May 4, 2020

Declared: July 9, 2020

\$4,311,822.15 Public Assistance Grant Dollars Obligated

Counties Declared (20) Public Assistance Only

Benton, Carroll, Davidson, Decatur, Dickson, Dyer, Hardin, Henderson, Henry, Hickman, Houston, Humphreys, Lake, Lawrence, Lewis, Madison, Maury, Obion, Perry, Weakley

U.S. Small Business Disaster Loan Program DR-4550-TN

Declared: July 9, 2020

Counties Declared (20)

Benton, Carroll, Davidson, Decatur, Dickson, Dyer, Hardin, Henderson, Henry, Hickman, Houston, Humphreys, Lake, Lawrence, Lewis, Madison, Maury, Obion, Perry, Weakley

McNairy County Flooding (SBA Only)

Incident Period: July 1, 2020

Declared: Aug. 7, 2020

Counties Declared (4)

McNairy, plus the contiguous counties of Chester, Hardin, and Hardeman



Tennessee Explosion EM-3552-TN

Incident Period: Dec. 25, 2020

Declared: Jan. 5, 2021

At 6:30 a.m., Central, on Dec. 25, 2020, a recreational vehicle exploded on 2nd Ave. N. in downtown Nashville. The explosion affected 41 residential and commercial structures over multiple city blocks and directly impacted AT&T's communications system across Tennessee, Kentucky, and northern Alabama.

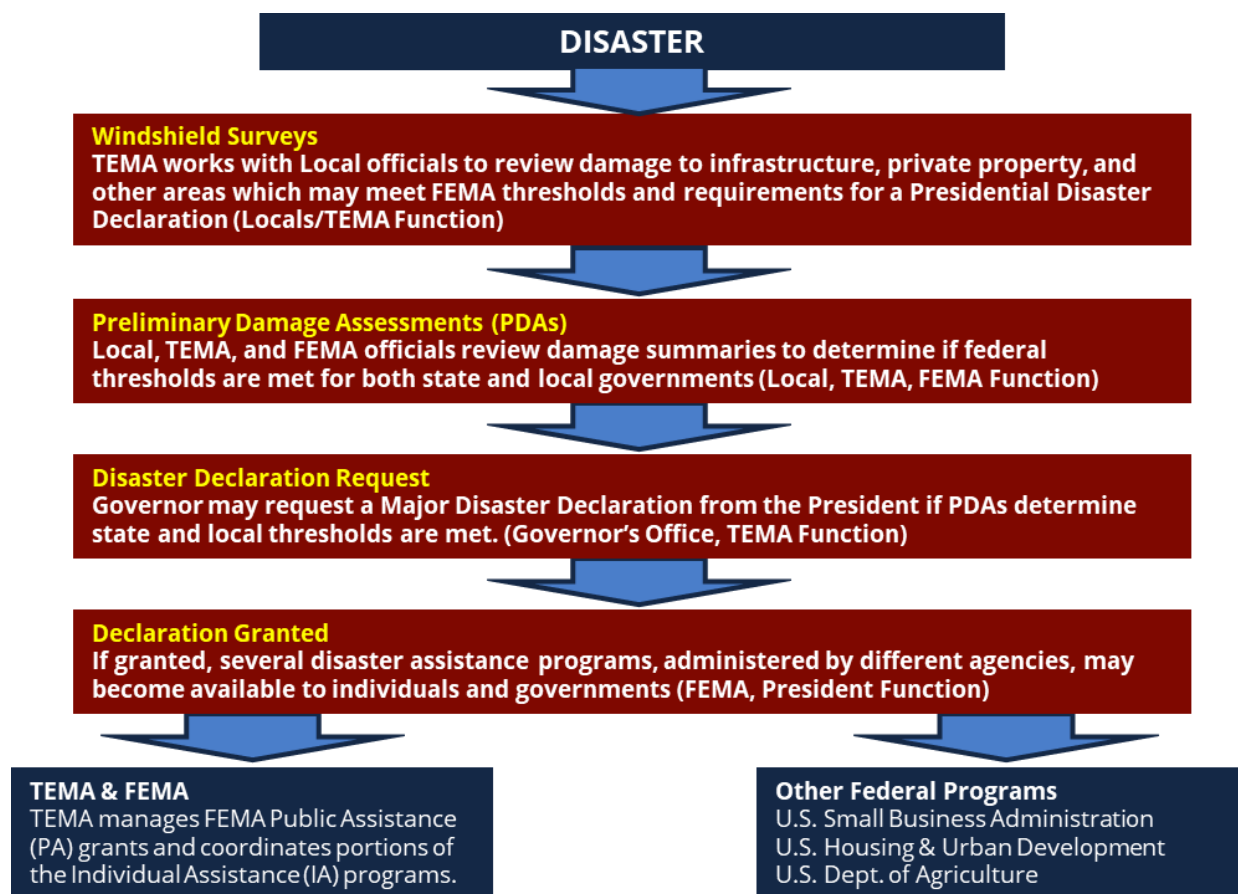
The impact to public and emergency communications resulted in Nashville International Airport grounding flights, the lost connectivity to the state of Tennessee's IT networks, and 46 counties experiencing lost or degraded 911 call center service.

TEMA activated the State Emergency Operations Center for the incident at 9 a.m., Central, and provided direct staff support to Metro Nashville's Emergency Operations Center. After the explosion and during the investigation following, the Tennessee Dept. of Transportation and Tennessee Highway Patrol provided local and federal law enforcement with crime scene support, with the Tennessee Bureau coordinating directly the Federal Bureau of Investigation and the U.S. Bureau of Alcohol, Tobacco, Firearms, and Explosives.

On Jan. 5, 2021, the Federal Emergency Management Agency granted an Emergency Declaration to Metro Nashville providing direct federal assistance for any emergency protective measures needed in the aftermath of the explosion. The Tennessee Dept. of Finance and Administration's Office of Criminal Justice also provided victim assistance and support under the Victims of Crime Act.



FEDERAL DISASTER DECLARATION PROCESS



FEDERAL DISASTER GRANT PROGRAMS

Individual Assistance –

FEMA's Individual Assistance Program (IA) ensures disaster survivors have timely access to a full range of authorized programs and services, such as Mass Care and Emergency Assistance, Crisis Counseling and Training, Disaster Unemployment Assistance, Disaster Legal Services, Disaster Case Management, and the Individuals and Households Program.

Public Assistance –

FEMA's Public Assistance Program (PA) provides federal disaster reimbursement assistance to local governments and certain private non-profits for impacts to infrastructure and property, and other emergency work as a result of a disaster.

U.S. Small Business Administration –

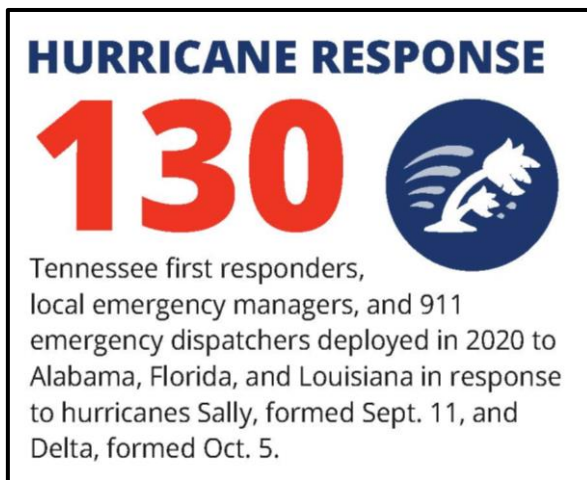
The U.S. Small Business Administration provides low-interest disaster loans to businesses of all sizes, private non-profit organizations, homeowners, and renters. SBA disaster loans can be used to repair or replace the following items damaged or destroyed in a declared disaster: real estate, personal property, machinery and equipment, and inventory and business assets.

2020 DEPLOYMENTS

TEMA coordinates the deployment of resources to assist other states in times of need through the Emergency Management Assistance Compact (EMAC).

EMAC is the nation's state-to-state mutual aid system and an all hazards compact that allows states to send personnel, equipment, and commodities during governor-declared states of emergency for response and recovery efforts.

Deploying resources through EMAC leverages federal grant dollars, such as Emergency Management Performance Grants, invested in state and local emergency management resource capabilities.



Thank You

Bradley County 911 • City of Brentwood Fire Department • City of Franklin Fire Department

City of Murfreesboro Fire Department • Dickson County 911 • Hamilton County 911

Jefferson County 911 • Loudon County 911

Metro Nashville 911/Emergency Management/Fire Department/General Services/Public Works

Tennessee Emergency Management Agency • Tennessee Highway Patrol

Preparedness

2020 PLANNING ACCOMPLISHMENTS

- **EMAP Reaccreditation:** Led the agency-wide effort to achieve reaccreditation for the State of Tennessee meeting 64 professional standards of emergency management under the Emergency Management Accreditation Program (EMAP).
- **TEMP Trainings:** Conducted a series of trainings on the 2018 Tennessee Emergency Management Plan (TEMP) rewrite. Trainings held for TEMA employees, Emergency Services Coordinators (ESC), State Department Commissioners, FEMA Region IV staff, and neighboring State Emergency Management Agencies.
- **Interactive Planning Dashboards:** Produced and publishes a suite of interactive planning dashboards on TEMA's public-facing website, www.tn.gov/tema, designed to assist local governments and State agencies with their hazard mitigation planning efforts and track the status of local government emergency management plans.

2020 PLANNING PRIORITIES

- **Mass Care Planning:** Continue working with partners to further develop mass care/shelter capabilities and plans.
- **Continuity of Government:** Develop contingency plans to ensure the continuation of essential government functions and roles during emergency events.
- **BEOP Guidance & Tools:** Refine guidance and tools to assist local governments in developing Basic Emergency Operations Plans (BEOP).
- **Enhanced Hazard Mitigation:** Pursue the Enhanced Mitigation federal designation status for Tennessee.



Highlight from 2019 – EMAP Reaccreditation

TEMA staff present Tennessee Gov. Bill Lee with a plaque recognizing the State of Tennessee's reaccreditation achievement in 2019, having met 64 professional standards of emergency management under the Emergency Management Accreditation Program (EMAP). (L to R): TEMA Assistant Director Craig Hanrahan, TEMA Chief of Staff Melisa Hucks, TEMA Director Patrick Sheehan, Gov. Lee, EMAP Commissioner Robie Robinson, TEMA Assistant Director, the late Cecil Whaley, and TEMA Planning Administrator Josh Wickham.

2020 TRAINING & EXERCISE ACCOMPLISHMENTS

TEMA provides educational and professional development opportunities available to citizens, emergency managers, first responders, and State and local officials to ensure Tennessee has capabilities in place for disaster preparedness, response, and recovery.

STUDENTS & COURSES by REGION

East

Students: 655
Courses: 28

Middle

Students: 681
Courses: 21

West

Students: 319
Courses: 14

HAZMAT STUDENTS & COURSES by REGION

East

Students: 1170
Courses: 73

Middle

Students: 680
Courses: 67

West

Students: 460
Courses: 45

TOTALS

Students: 3,965

Courses: 248

ACCOMPLISHMENTS

- COVID-19 social distancing and requirements to limit disease transmission severely impacted TEMA's training priorities. TEMA's training team experienced a 70 percent reduction in students attending hazardous materials and incident command training activities. Additionally, instructor development courses were not held.
- TEMA's activities in exercise activities greatly increased in 2020
- Exercise support continued with the Tennessee Valley Authorities for contracted requirements related to the Watts Bar and Sequoyah nuclear plants.
- In October 2020, TEMA successfully completed a federally-graded, functional exercise of the Sequoyah Nuclear Plant with TVA and the emergency management agencies of Bradley and Hamilton counties.
- The exercise team delivered multiple exercise training events for the Tennessee departments of Education, Health, and Higher Education, and the Governor's COVID-19 Unified Command Group, and facilitated TEMA's annual refresher exercises for Winter and Spring severe weather.
- The exercise team has also coordinated twice weekly state-wide conference calls with state and local agencies to facilitate statewide COVID-19 information sharing and response operations.

Mitigation & Recovery

2020 HAZARD MITIGATION PLANNING ACCOMPLISHMENTS

Tennessee Hazard Mitigation Plans Status by County

Plan Status	Counties	Percent of Total
Approved	75	79.2 %
Pending Adoption	3	3.1%
Needing Revision	0	0.0%
Pending Review	1	1.0%
No Submission	10	10.4%
Lapsed	6	6.3%
TOTALS	95	100%

Tennessee Hazard Mitigation Plans Status by Jurisdiction*

Plan Status	Jurisdiction	Percent of Total
Approved	312	69.6%
Pending Adoption	47	10.5%
Needing Revision	0	0.0%
Pending Review	5	1.1%
No Submission	65	14.5%
Lapsed	19	4.2%
TOTALS	448	100%

**Includes Municipalities, Cities, Towns, Rural Communities, Unincorporated Towns/Villages, and Impoverished Communities*

Tennessee Plans Status by Population

Census 2010 Population: 6,346,105

Plan Status	Percent of Total Population
Approved	86.86%
Approvable Pending Adoption	4.89%
Needing Revision	0.00%

- **Plans Under FEMA Review:** Greene County
- **Expired County Plans:** Campbell, Cannon, Dekalb, Jackson, Robertson, Sequatchie, Unicoi, Van Buren
- **County Plans Expiring**
 - 3 to 6 Months: Decatur, Haywood, Lincoln, Madison, Shelby
 - 6 to 9 Months: Dickson, Fayette, Gibson, McNairy, Tipton
 - 9 months to 1 year: Bedford, Tipton, Wilson

2020 HAZARD MITIGATION GRANT PROGRAM ACCOMPLISHMENTS

- Approved and Funded Hazard Mitigation Projects
 - Metro Nashville Acquisition & Demolition, \$552,660.00
 - City of Memphis Backup Generator Project, \$272,000.00
 - Blount County Wildfire Hazard Mitigation Training, \$10,000.00
 - City of Fayetteville Safe Room Project, \$5,000,426
 - City of Memphis Safe Room Project, \$2,499,530.88
- Officially Closed HMGP 1909 – Largest HMGP Grant in State History – (Disaster Declaration #1909 – May 2010 Storms and Floods) Hundreds of acquisition projects, safe rooms, flood control projects, and many others were funded through this historic disaster.
- Worked with numerous communities on various Hazard Mitigation Applications from Tennessee's 2020 declared disasters.
- Continued coordination with the U.S. Army Corp of Engineers' State Silver Jackets Organization on joint efforts to assist local governments with mitigation and storm water project opportunities.

2020 MITIGATION PROGRAM PRIORITIES

- Support several local jurisdictions with work projects eligible for the new Building Resilient Infrastructure and Communities Grant that will build local infrastructure and community lifelines.
- Transition to a new grant management program to streamline and simplify the application process for local jurisdictions.
- Emphasize the "Think Mitigation" as a key message through social media and electronic platforms.
- Work with FEMA on an Enhanced Mitigation status designation for Tennessee.



NATIONAL FLOOD INSURANCE PROGRAM

The State of Tennessee's National Flood Plain Insurance Coordinator resides within TEMA and serves as the statewide contact for communities that participate in the NFIP.

The NFIP Coordinator serves as a resource to any community interested in joining the program and evaluates the administration of NFIP state and federal regulations in participating communities.

The NFIP Coordinator conducts workshops, training sessions, and works directly with local, state, and federal agencies, and the public, to ensure sound floodplain management practices statewide.

2020 NFIP ACCOMPLISHMENTS

- Conducted quarterly webinars for floodplain administrators on various floodplain management topics.
- Tennessee Association of Floodplain Managers held its 1st virtual conference on Dec. 24, 2020 with 84 attendees.
- Reviewed 30 engineering analysis for floodway encroachments statewide.
- Updated statewide flood damage prevention resolution guidance to be current with FEMA requirements for finished construction elevation certificates, improvement documentation, revised floodway encroachment language and documentation.

2021 NFIP PRIORITIES

- Planning monthly webinars for floodplain administrators on various topics.
- Developing ordinance outline with 44 Code of Federal regulations for floodplain managers to use as reference.
- Floodplain regulation adoption assistance planned for 40 communities for watershed mapping projects statewide.
- Creation of a YouTube channel for the Tennessee Association of Floodplain Managers to upload recorded trainings for future use.

FEDERAL PASS-THROUGH FUNDING by COUNTY

The following county totals are current as of January 2020 and represent total state contract amounts for entities receiving public assistance reimbursements in these counties, not just local governments, through federal grant programs such as Emergency Management Performance Grants (EMPG), Hazardous Materials Emergency Preparedness (HMEP), and Homeland Security (HLS). In 2019, staff with TEMA's Recovery Division held 14 applicant briefings on the federal Public Assistance Program with 596 attendees representing 215 applicants.

Anderson	\$620,235
Bedford	\$325,965
Benton	\$319,942
Bledsoe	\$41,610
Blount	\$1,025,102
Bradley	\$698,400
Campbell	\$95,600
Cannon	\$256,454
Carroll	\$578,756
Carter	\$124,741
Cheatham	\$178,483
Chester	\$96,005
Claiborne	\$99,100
Clay	\$85,619
Cocke	\$533,941
Coffee	\$418,292
Crockett	\$94,086
Cumberland	\$127,120
Davidson	\$91,666,525
Decatur	\$321,925
DeKalb	\$93,837
Dickson	\$106,192
Dyer	\$367,886
Fayette	\$194,094
Fentress	\$280,653
Franklin	\$174,649
Gibson	\$463,807
Giles	\$174,964
Grainger	\$117,432
Greene	\$900,602
Grundy	\$39,151
Hamblen	\$296,825

Hamilton	\$1,675,976
Hancock	\$0
Hardeman	\$16,355
Hardin	\$807,057
Hawkins	\$144,600
Haywood	\$68,000
Henderson	\$462,726
Henry	\$95,782
Hickman	\$491,266
Houston	\$229,029
Humphreys	\$440,969
Jackson	\$437,573
Jefferson	\$469,174
Johnson	\$2,464,431
Knox	\$239,809
Lake	\$465,364
Lauderdale	\$202,793
Lawrence	\$166,112
Lewis	\$343,562
Lincoln	\$151,297
Loudon	\$10,000
Macon	\$4,428,824
Madison	\$130,907
Marion	\$149,480
Marshall	\$218,863
Maurry	\$554,572
McMinn	\$946,151
McNairy	\$402,453
Meigs	\$178,381
Monroe	\$35,135,260
Montgomery	\$270,327
Moore	\$1,675,976

Morgan	\$126,405
Obion	\$381,729
Overton	\$244,108
Perry	\$338,885
Pickett	\$0
Polk	\$25,130
Putnam	\$5,460,267
Rhea	\$808,300
Roane	\$374,014
Robertson	\$117,037
Rutherford	\$684,315
Scott	\$127,824
Sequatchie	\$150,781
Sevier	\$3,031,720
Shelby	\$4,328,876
Smith	\$1,181,301
Stewart	\$96,192
Sullivan	\$648,940
Sumner	\$437,883
Tipton	\$911,087
Trousdale	\$36,078
Unicoi	\$47,000
Union	\$108,607
Van Buren	\$14,859
Warren	\$440,465
Washington	\$711,440
Wayne	\$229,226
Weakley	\$177,286
White	\$0
Williamson	\$501,823
Wilson	\$2,290,621
TOTAL	\$176,747,279

In Memoriam

Cecil Whaley (1947 - 2020), Asst. Director of Preparedness, Service 1988 - 2020



During a career that spanned more than four decades, Cecil Whaley was a nationally recognized, highly respected emergency manager. Cecil was involved in national and state earthquake response and recovery planning for more than 30 years, a dedication the National Earthquake Program Managers recognized in 2015 in presenting Cecil with a national leadership award. During his time at TEMA, Cecil supported emergency response and recovery efforts for numerous state and national catastrophic disasters including Hurricane

Andrew, the Northridge Earthquake, and Hurricane Katrina. Cecil had a true passion for helping others. He was as a mentor and a true friend to countless individuals, and an important part of the nation's emergency management community.

Charlie Bryant (1946 - 2020), Asst. Director of Mitigation and Recovery, Service 1986 - 2020



Charles Alexander Bryant had a long and storied career spanning more than 40 years of service in firefighting, emergency medical service, and emergency management. Prior to TEMA, he served as Director of the Greeneville/Greene County Emergency Management Agency and the Memphis and Shelby County Emergency Management Agency. Charlie responded to many national disasters, including the Loma Prieta earthquake in 1989 along with his friend, Cecil Whaley. Charlie was a proud Tennessean and his leadership helped to establish Tennessee Task Force 1 in Memphis.

Kelly Zadakaus (1945 - 2020), Middle Region Director, Service 1985 - 2013

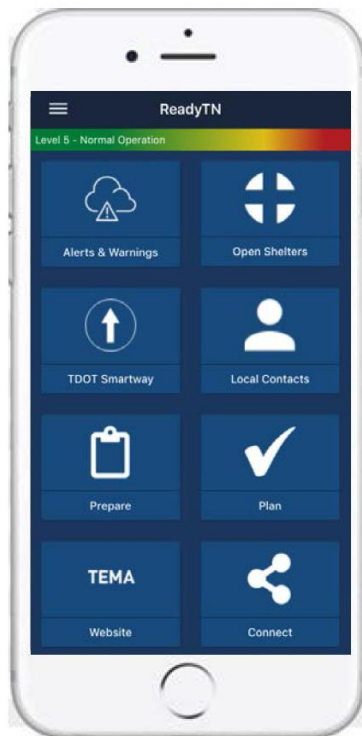


Kelly Zadakaus served TEMA for 28 years, the last 20 as the TEMA Middle Region Director, before retiring in 2013 to Linden, Tenn. in Perry County to live on the river, fish and enjoy time with his family and friends. Kelly's colleagues described him as a true public servant, leader, and someone who always got the job done. Kelly was an Air Force veteran, including service with the 6994th Security Squadron in Vietnam. He was a proud and active member of the Vietnam Veterans of America and was engaged in the 6994th's association.

Public Outreach

READYTN

ReadyTN is TEMA's mobile device providing emergency preparedness, response, and recovery information to Tennesseans. The ReadyTN app is available mobile devices running both the Android and Apple operating systems. ReadyTN's features include:



Alerts and Warnings: Real time weather and emergency alert messages

Open Shelters: Displays a map of open Red Cross Shelters

TDOT Smartway: Displays a map of real time traffic conditions

Local Contacts: Emergency management contact information by county

Prepare: Information on the hazards of prime concern for Tennessee

Plan: Checklists of items to help users build emergency kits

Connect: Connects users to TEMA's website and social media platforms

ReadyTN also displays information on the current status of TEMA operations.

ELECTRONIC MEDIA USAGE

Platform	2020 Stats
ReadyTN www.tn.gov/tema/ready-tn.html	11,066 Downloads
Twitter twitter.com/tema	Total Tweets: 434 Retweets: 3,329 Likes: 5,040 Link Clicks: 2,899 Impressions: 31,448,000
Facebook www.facebook.com/TNDisasterInfo	Followers: 16,313 Page Likes: 16,413 Posts: 256

**ONE TENNESSEE
ONE EMERGENCY MANAGEMENT
FAILURE IS NOT AN OPTION
24-7-365**

TENNESSEE DEPARTMENT OF MILITARY

Maj. Gen. Jeff Holmes, Commissioner / The Adjutant General

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